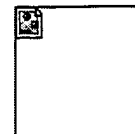


File copy  
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## Structure Explorer - 1CJY



## Summary Information



## Summary Information

[View Structure](#)[Download/Display File](#)[Structural Neighbors](#)[Geometry](#)[Other Sources](#)[Sequence Details](#)[Explore](#)[SearchLite](#) [SearchFields](#)**Title:** Human Cytosolic Phospholipase A2**Compound:** Mol\_Id: 1; Molecule: Cytosolic Phospholipase A2; Chai B; Synonym: Cpla2; Ec: 3.1.1.4; Engineered: Yes**Authors:** A. Dessen, J. Tang, H. Schmidt, M. Stahl, J. D. Clark, J. Seehra, W. S. Somers**Exp. Method:** X-ray Diffraction**Classification:** Hydrolase**EC Number:** 3.1.1.4**Source:** Homo sapiens**Primary Citation:** Dessen, A., Tang, J., Schmidt, H., Stahl, M., Clark, J. D. Seehra, J., Somers, W. S.: Crystal Structure of Human Cytosolic Phospholipase A2 Reveals a Novel Topology a Catalytic Mechanism *Cell (Cambridge,Mass.)* 97 pp. 349 (1999)[\[ Medline \]](#)**Deposition Date:** 20-Apr-1999**Release Date:** 20-Apr-2000**Resolution [ $\text{\AA}$ ]:** 2.50**R-Value:** 0.229**Space Group:** P 21 21 2**Unit Cell:** dim [ $\text{\AA}$ ]: a 153.59 b 95.49 c 139.13angles [ $^\circ$ ]: alpha 90.00 beta 90.00 gamma 90.00**Polymer Chains:** A, B**Residues:** 1498**Atoms:** 9706**HET groups:**

ID	Name	Formula
CA	CALCIUM ION	4(Ca)
MES	N-(ETHYLSULFIDE)MORPHOLINE	2(C <sub>6</sub> H <sub>13</sub> N)